

AMENDMENT TO THE SPECIFICATION


In the Abstract:

A¹ A switchable optical add/drop device (1) includes a first R-channel (20) and a second R-channel (30) opposite to each other. A first path (70) and second path (80) are respectively defined between two near ends and two far ends of the first R-channel (20) and the second R-channel (30). A first collimator (40) with an ADD port (42) and a second collimator (52) with a DROP port (52) are disposed about ~~[[said]]~~ the first R-channel (2) and ~~[[said]]~~ the second R-channel (30). A prism (60) is removable disposed among the R-channels (20, 30) and the collimators (40, 50) for switchably adding/dropping the specific wavelength channel.

The paragraph of "SUMMARY OF THE INVENTION" has been amended as follows:

A² According to an aspect of the invention, a switchable optical ADD/DROP device includes first and second same R-channel modules opposite to each other, two collimators performing in-and-out functions respectively, and a removable prism to commonly define switchable optical path. The R-channel module includes a GRIN lens with a DWDM filter. The multiplexed signal enters the first R-channel module with the specific wavelength channel passing through the filter and along a first path directing toward the second R-channel from the one side with the filter thereon while the rest of wavelength channels being reflected to a second path which enters the second R-channel from the other side opposite to the corresponding filter. The prism is adapted to be in a first position where the

prism blocks the first path and guide the filtered/dropped specific wavelength channel toward the DROP collimator while simultaneously ~~[[guide]]~~ guiding another added specific wavelength channel, if any, from the ADD collimator toward the filter side of the second collimator for entering the second collimator.

 Under this condition, the added wavelength channel will join the rest of wavelength channels from the second path to leave the second collimator via the OUT port. Alternatively, when the prism is moved to a second position without blocking the first path, the filter wavelength channel will enter the second collimator from the filter side, and join the rest of wavelength channels from the second path, leaving ~~thesecond~~ the second collimator via the OUT port.

Therefore, the device essentially integrates the switching function and the optical ADD/DROP function together.
